

# T-Blend® 6594B-WGD45

Styrene Ethylene Butylene Styrene Block Copolymer

TSRC Corporation

Message:

T-Blend® 6594B-WGD45 is a Styrene Ethylene Butylene Styrene Block Copolymer (SEBS) product. It is available in Asia Pacific. Applications of T-Blend® 6594B-WGD45 include engineering/industrial parts and sealing applications.

Characteristics include:

- Eco-Friendly/Green
- Good Flexibility
- Good UV Resistance
- Good Weather Resistance
- Halogen Free

General Information			
Features	Good Flexibility		
	Good UV Resistance		
	Good Weather Resistance		
	Halogen Free		
	Ozone Resistant		
	Recyclable Material		
Uses	Gaskets		
	Seals		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14 to 1.18	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (180°C/5.0 kg)	23	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	43 to 47		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	2.35	MPa	ASTM D412
Tensile Elongation (Break)	290	%	ASTM D412
Tear Strength	14.7	kN/m	ASTM D624
Injection	Nominal Value	Unit	
Processing (Melt) Temp	200 to 220	°C	

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